**Notebook Series -- Notebooks by Edison**
**Notebook, N-12-02-01.4**

This notebook was used by Edison during January and February 1912. Included are notes on "experiments on sound with different phonos" and various recording devices, horns, and studio furnishings. Also included are notes on surface cracks and dirt on celluloid disc and blue amberol records. One notation indicates that "perhaps we shall have to abandon the blue & only use grafite." Many of the entries provide Edison's reactions to individual recordings, some released by the Victor Talking Machine Co. and many produced by Thomas A. Edison, Inc. These non-experimental entries begin a series of notebooks containing extensive "comments on disc records," with N-12-04-17.2 next in the sequence. The recordings evaluated in this notebook reproduce opera and popular music; well-known Victor artists include Enrico Caruso and Al Jolson. The book contains one note added by an archivist in 1973. The front cover is labeled "Comments on Disc Records No. 1" and "Ent." The pages are unnumbered. Approximately 100 pages have been used.

Feby 1 1912

Experiments on Sound relation to phono.

Listening through horn in tent, the loss of Volume is roughly 1/2 = at the house I very seldom heard a word of the song although heard In the tent generally heard 3/4 of the words, ~~[illegible]~~ which Volume of Sound was the answer

Also when singing and the Volume was 1/2 of that up at house, I put a 4'X4' board back of singer, the volume of sound was about had equal to Volume at house.

In the tent the horrible interference squeaks of the sound shadows was nearly obliterated which little there was entirely comes from

the metal of the horn

A Horn dimed internally with 3/16 feet gave song clear as a bell but only 1/5 vol compared to house.

This shows us from as regards volume that the horn should be very smooth inside for vibration & to prevent horn walls from vibrating they must be of thick lead or brass or steel, or two horns one within the other 1/4 inch space between & filled with any glycerine or other viscous liquid.

Noticed that the short twisting horn gave high note squeaks on taking water of sephrana. Tried to 26 horn which three times longer they disappeared as the column of air cannot be

in tune with omitting the
Saphrana goes — on trying
this with Trevor it shows
response to certain notes
by using a bell longer
horn No 24 — got no response
from Zilliac Clarion or Saphrana
once or twice afterwards got it from Saphrana
The Volume is about the same
& articulation just as good —

The proves that in town
where there is no echoes that
for all grades of rates of
vibration that probably
No 24 or Couple feet longer
that there will be no
horn resonance & articulation
& quality will be fine.
There appears to be scarcely
any muffling to the sound

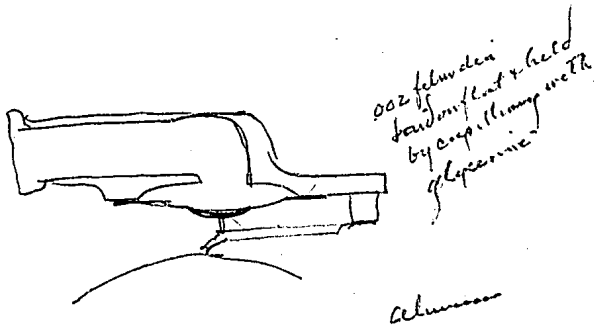
Volume can be attained by
sounding boards of glass
etc placed behind the

instrument or recorder as close as possible.
So the Echo & original will nearly coincide — The Echo served to reflect the voice & cause it to be less sharp & also adds to the amplitude

If two you employed certain distance from the source of sound it would intensify & demonstrate the volume —

It is probable that heavy plate glass reflects or for crystalline strong, so best glass preferred

The most sensitive recorder for Higham that I have struck is this




The great advantage of this is that the disc is perfectly free to move at edges the disc is only held in place by the capillary attraction brought about by a film of glycerine between the surfaces glycerine is especially good as it has great viscosity, doesn't freeze or change & don't attack the wax or film of paper — Ordinary Condensation 30 ft away with very small horn is recorded so I can hear some of the words —

Another advantage is that the sound wave does not leak around the edges with this wax paper

is pressed inwards by the knife edge — with the knife edge around the edge of the die. Considerable pressure is required inwards against the centre of the diaphragm to prevent the sound water leaking — this is unnecessary with the glycerine hence very much thinner dies can be used — as there is very slight pressure we attain the maximum sensitiveness

Take 1

Listening to W with Records

821-1 Croxton Quart

Martha Quartet

Tenor good –

first about several big Crackles –

Surface small crackles.

Not loud enough –

Voices interfere

Record rejected for

quality of singing &

for Crackles

Wurlitzer Records
651-2

Warblers Serenade
Concert Band

Squeaks — Barytones
not sweet, surface good
To much padding - repeating
Some people might like this
but I cannot understand why
think it would be to keep these
loud shrill sharp student
bands off at first,

143-5

American Patrol

Military Band

squeaky - wheezy - Too loud -

when loud quality

rather - RR squeaks -

Dont think we should

should use this.

lots of repeat rehearsals

gets rid of -

665-2

Danube Waltz —
Convent Band —

Considerable scratch on start,
This is a good tune, but
there are squeeks & rubbings —
~~[illegible]~~ should not use this
Can be taken perfect
without these rubbings
should have this tune with
Orchestra —

652 51

Mocking Bird
Xylophon

Chas Davis

This is good but Chimes
accompaniment is req.
However if Com. Chimes
ok - acc right -

160-5

Anvil Chorus
Band
Wheezes — squeaks
Considerable repetition —
If Com thinks this OK
I am satisfied I cant
enjoy it with the squeaks
wheezes & loudness If
taken by an orchestra
& proper instruments it
would be good

803-51

Old Black Joe

Croxton & Mixed Quartette

accompt at start Squeaks

squeaks in singer due to

loud accompt.

Voices interfere badly

no sweetness - Lots Extra noise -

Nothing

R

598 52

Dear Heart

William Tree

Constantly worried

too much — to use on

this type of record

696

Gypsy Love Song
Croxton & Mary Helmer
too much sarcasm on
start - Baritone a quicker
his voice change its
mellowness

Voices heard
Interfara Record NY

615 51

Stars & Stripes Forever
Band

Too much scratch
Wheezy, RR squeaks —
Record greatly Rotten
NG

R

191

Lead Kindly Light
E Imp Quart
two mixed voices
accompt Piano

Voices Nq

Record Nq

R

616 S 2

Love and Sweet Song
Van Trio

Too much scratch
at start, also all Through —

No -

Cant have scratch in these
Van Trio Records —

A [illegible]

812-3

Usera Travalori

Agnes Kimball reading

Execution by surgeons

natural anesthesia

Voices inside

Wants opera

surgeons

[illegible]

Live 6 years old very much better.

Today with ordinary [illegible] surgeons

They [illegible]

2 of 3

surgeons crackles about

not know what a

selection – Hold this

824-1

Valve Seat
Band

No good - Expanded
bad, squeaks, rattles

Throw out

R

742-1

Meet me tonight in
Dreamland
Beaman

Wheezes, squeaks,

No good -

Goodwin thinks it fine -

The Tune is fair but the
Execution is not right,

R

689 – 2

Lmes Geologic Survey
Rocks Band

Too cloudy – Tuna NG –
Near small crackles
all through – lots
crackles at 1 Cart,
Record NG –

R

514 S 2 — See W Miller about Saphrano

When Sweetness Showers fly
grace Kern + Pearl Bennett of
Squirt in accompt of stand
accompt not [illegible]

Hold this it may do
its service today – Saphrano
drowns out the other
singers – but she has no
tremolo when clean as a
flute + voices best
[illegible]

H C

801 - 2

Nancy Lee

Knock Quart

Bad ground at Lach Reoduhin

Vanes too sharp

Accompt rotten —

Not mellow on it — Ground

bad —

R

806-1

Praise ye Allilo

Agnew Lunare Nellie

Croxton —

Ground at Rock Rev

accession notes

Good time — seems to be a

fierce like crumpling of

paper running through it

Expect to find instrumental in

opposition to weakness

Harvard rocky for chef.

Bungaroo

Hartlais —

6/75

La Paloma
Band

Squeaks, Very loud —
Should be an organ

Hold this —

Victor X Sent to Walter Muller

60069 — Isabel Marsh —

Very little scratch —
Thin voice, little brilliancy
not a good Coloratura —
Extra sounds or doubles in
some strong notes
Trilling distorted — Tune not good
Weak record, little volume

17037 — *.
Al Jolson
Humming Melody
Accompt no good
Abnormally sharp voice, Extra
sounds in voice, — No scratch —
Disagreeable voice, Metallic —
Tune not good — Volume good
Otherside — Same results — not so loud

5869 =
Lyric Quartette
Estudiantina Waltz —
Whoopi - ulmefora, nonsa —
accompt Piano band
accompt, Rattan,

We must do a lot of these
Waltz Songs, a large part of
Songs I have selected are
waltz Songs with mixed voices
Of fair value very little scratch

17032-A,
Senorita,
That girl Quartette
Considerable scratch
Very bad Quartette
absurd — terrible
metallic sounds —
not much value

17033-B.

Lobster Promenade

Fred Van Epps

Sensitively - Metallic sounds

in Banjo.

useful - Volume four

17034-A

Moonlight Bay

Aman Quadrille

Sensitively accompt ing

This is a type of Quadrille

we should avoid, it could

not possibly be worse

17034-B

W.J. Van Brunt

Darker of Love

Dorothy

Voice good - good for no

Tune good - ~~not~~ scarcely

a sound of tremolo,

Extra Metallic sounds

occur in voice & accompt -

Tunes like this should have

a chorus -

Only decent record

so far -

17039-B
see below

17039-A is Victor
record 17039, issued in March, 1912.
The funny thing is that although TAE said of Wells "We don't want him", he had already recorded for Edison. Edison issued a cylinder of Elsie Baker singing "Kipanning's Lullaby" in May, 2 months after the Victor record came out - all in spite of his comments on opposite page about Miss Baker, whose assumed name was Edna Brown. Leah S. Burt 8/9/1973.

17039-B.
John Barnes Wells
Manning's Song
Serviceably
Voice not good - we don't want him. Also tremolo - Lum No [illegible]

17039-A.
Elsie Baker
Kipanning's Lullaby
Serviceably
Clothes pen voice, volume violently changes voice - tremolo awful
Not for us - Tune No
Record observed

17041-B

Campbell & Burr

Singing contests (Old Virginia)

somewhat good

accompt nation

Horrible nasality & Extra sound

Voices not good even for

Comic — Tune Vaudeville standard

178th Set of words to this tune

17043-B

Harvey Hindermeyer

Comedies The Blarney

Lovately accompt awful

Voice no good for Comic

articulation no

35213-A.

Louisiana Minerals
Vic Mineral Co.

Scratchy
Full of Metallic Extraneous
all too cheap —

70068 — L'Africain — Indian Mines
Vic Hershey
Scratchy
Absurd usage squeaks
Metallic Sound
This is the limit
of Imperfection —

89094 –
Crucifix
Caruso – Monaco Journal
Sensitive
[illegible] – Caruso
has bad tremolo
Voices [illegible]
Not good combination
Both voices tremolo
Tune good –

88339 —

Carias —

Elsa, d-amor.

una furtiva Lagrima —

poorly

accompt good copy

Terrible melodies sounds

on strong notes —

spoilt by the —

tremolo bad.

Fair tuning

88340

Amato -

Rigoletto

Povero Rigoletto -

Ronald

accompg - Dynamic etc

Voices rotten,

There is a time in the Opera

House not for orphans -

The whole is wanted

88347 –

Emma Eames.

Dopo (Afterwards)

Mendelssohn

good value – Voice not very
but great charm & feeling

Exploiting – quite little

tremolo, clear –

We can get better times
than this at present,

might do in future

good Diplomatic.

95211 —

Lombardi — Quae Voluptas

Alda — Caruso, Journet

Landsky

Caruso and his mates could

ought

Voices don't go together

noise ~ Henrietta

Combinations — none of

them an oasis, Caruso

by transcribe —

35214-A

Edith Helena -

Jerusalem - Peaceful was the night

Voicing - Tremolo,

Not melism -

Tuning -

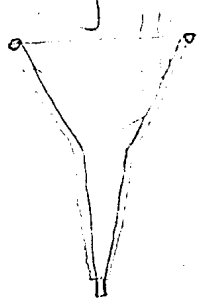
Coloratura,

February 5 1912

Noticed for long time noises in singing that I could never account for by having funnel to listen for. Hundred times very I now find it is due to the turning of the sheet music by the vibrations. The volume of sound is surprising its probably the sudden rush of air over the large area vibrating the paper that produces the sound waves — I see I shall have to have separate sheets for the vibrations of one on one sheet —

Tests in music room of 100 with long horn filled with glycerine — (Double horn) that is several feet long — There was some sophisms squeaks but nothing near what they were before — The shorter funnel certainly previously used in the Flute with left inside

I changed over & put the felt outside. This is louder than the long horn, and the soprano voice is pretty good — I think that this with the steel will give soprano voice with little alteration, or making a wheezer out



Lined on outside with 3/16 felt hot glued on

also a double funnel holding glycerine —

I think this will be good for recording

The larger funnel covered with felt gives no vibrations to the medal of the funnel with loud piano — whereas the regular funnel gives big vibrations to about every 3rd key middle C & lower

Probably a lead funnel lined with polished brass will be good — it could be plated with Copper inside and then highly polished

Possibly the whole horn walls should Expand & contract to the sound waves like a diaphram. If so a very thin soft Zinc horn say 10/1000 or Even 005 thick would be a horn or then Crinkled on circular with felt & highly polished inside

Our records

123-6 —

Andrea Chenier La
Mamma Morta Carmen
Melisi — Scratchy
Why have our scratchy
records now when tracked
records were nearly free.
Of scratch — something is
being done wrong

This tune isn't much good

Possibly it might pass
~~as~~ Had it

102-5

Wrong of the Green
This might pass but
its revealing a
Council Record will
not pass with a heading
like this

Marietta

If Council
record quorum will
accept it.

1489 -

full squacks, Scratchy
Master - never will
make Comical seconds
Hark this -

Is this Birds
of the Brooke -

No master left

Sec. 6 - 287-S4 Rev. Capriccioso,
~~288-4~~
~~a Serenata~~, 6 of Africa
Violin

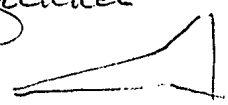
Very good -
But Serenata
think this might
pass the Court
when Serenata
reduced to normal

Jany 6th 1912

Exptl Funnel, etc

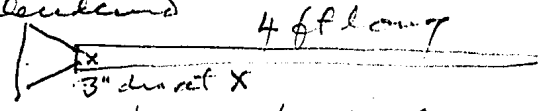
Apparently when the thickness of an ordinary Comfortable for beds is placed in front of funnel the voice goes thru the blankets so scarcely diminished & the quality seems more natural & mellow —

Tested when looking to Stephens that of Pedestal funnel



felt lined down at angle 45 or more towards carpeted floor in last house room that the RR squeaks disappeared but Vochem 1/3 = no other position did it

Pressman had long paper funnel
yellow or red cardboard horn
Calculated




paper is 1/32 or 3/64 thick wound
with tape split

This is good horn load —
long taper seems good —

We made an horn like the above
out of one thickness newspaper
paper & flare of same even clean
up could only just hear
pressman shouting enormous
loss in vol & probably not
got hence to get max vacuum
must have sides 1/4 thick or
steel hardened — & leaded
with felt or glycerine —

Warner
Dimoviddie - } BC&920 -
Telfone ~~57~~ 57

aluminum short funnel - loud but sharp - not mellow

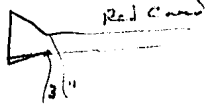
jump out "Day" in Kellie

This is low & weak
Quickly no good —
metalic horns - the Tapers frame

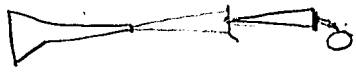
Reg horns —

Best so far is glycerine horn
with 2 to 4 thickness of
Red Comfort Cotton over mouth.

next is

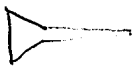


These are horns once used on Cars —



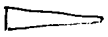
This is weak + full of high note reverberations — The second cyl,

gone old Lullo horn —
16" away



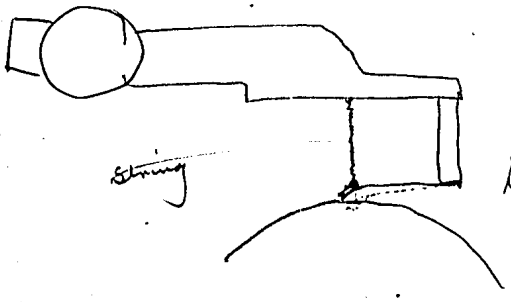
Loud + good but still shows
didnt jump on Nellie - Day -

still smaller No flare



16" away — only 2/3 loudness

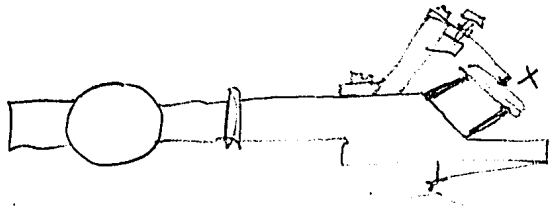
Jany 10 1912




Recorder
1½ oz stram on
Dia

Jany 10 1922

This device make it rather sharp but notice that while second jumped out it dont seem to produce seqular clearly sounds — Do not think there is much in this;




X is a light valve fixed with Rubber, When strong note Comes valve lifts slightly and prevents too great amplitude of diaphrm —

Above dont seem to work —

When full Open the Volume is pretty good, 3/4 of when Closed

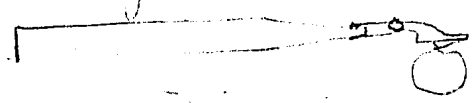
Feby 10 1912

Just tried plate glass on
drive mechanism & learn me
scratch first OK except
that he can just hear a
faint continuous scratch
very soft & distant like —
This shows what a
tremendous precision was
done up against to
get a scratchless
Conical drive bearing

Feby 10 1912

After trying all the various double funnels the length of one cylinder varied like a Trombone we can't find that it gives any improvement

Just tried glass tube 1½ dia



This is a decided improvement on overtones, I get Effects when Sophrano sings, very even tho' more effective showing that the delicate overtones weren't lost in funnel but recorded so I can hear

This glass funnel big was will work up

Disc record "Rowing" which had considerable crackle gave serious away after playing it with Rouge

Just found that rolled records blank coated with clots of dirt brought in by dipping long tubes in ambine

blue which got fixed
with dirt & this on pulling
out from liquid was
left on surface & &
produced cracks —
There is going to be
difficulty in keeping
dirt from the surface —
this copy = The white
blank is free of cracks
& dirt, = perhaps we shall
have to abandon the
blue & only use graphite

Possibly staining the
Fuchsin by Gram's reaction
More in nature accident

Notice Cloth on Celluloid blue second
find it due to dirt in the dye
which stays on when pulled
out of bath - The white ~~[illegible]~~
blanks are quite free from blue
blotches the showing that the
Crackles heard on phlegm
production is due to dirty
manipulation of the dye etc -

Graduated 50 mm long bands
shows band of hill of deep mauve
worn a little, so shows blue

The one called with
Silver by Worth after 50
shows no wear as the film
of silver is tough if the
cloth be done again it would

be an improvement on the record as it now stands Electricity & we could use white blank & get rid of dirt from blue dye

Only need record with proper account the way I want it to 813-3 -
with a non-transferable number if Committee to accept and I will show it

Our Records
699-2

Anvil Chorus Il Trovatore
Edison Light Opera -
passed as a 2nd

S

R

Our Records

836-3

Happy Days by
Eleg Spencer
Violin + Cello [illegible]
will pass this as a 2nd

692-1

Lost Prescribed
Mellow Crooner

Good like accompt — Very Scratchy
— Tremolo — The second [illegible]
Considered good enough —

801-T Gen Disc

Dont like the accompyment
Chorus, too sharp not
mellow- Vaudville voices
& pitch too close together
It is diffrault to understand
how a person could enjoy
this without a change
Scotch Very bad-
neg-

flute squeak - Saxophone very prominent
Wants a Baritone or tenor which is as prominent as the Mesophone - Accompt ng - Can scarcely hear tenor or Cornet - this destroys richness - Saxophone has considerable demand.

Had these voices given proper prominence - the flute squeak got out - the second volume be OK - tune good -

As it is its pretty good record - No scratch think it better be done over

803-3

accompt not good —
last parts squeeks in it —

Chorus. Rough coarse not
sweet baritone or tenors in it
Big Baritone OK —
Chorus is poorly arranged

Very scratchy inside
just before music stops
not much on start —

The Chorus voices badly
interfere —

Not sweet record
due to bad Chorus &
accompt —

852-3

Madam Butterfly
"One fine day"

This is no Tune at all —

Kruckells Voice is in some
notes a chatter or very
rapid tremolo — in Recitative
its uncanny & not mellow

We must have Gd singer free
from these defects,
Record well taken & not
paralytic — accompt
rather too many underrunnels
& not sweet —

This singer has too many
glaring defects of voice
to use in an Opera Tune
like this — adamant assent

839-3

Killarney
by Maria Narelle

Accompt NG = Narelle has
cleaner notes than Kimball
very little tremolo, too Pianoing
accompt. / Pretty Scarlatty
Take it over with good
accompt —

816 – 2 Rejected

Where is my wandering boy tonight – Gillette & Mixed Quart

Accompt too heavy ~~too much~~ too many instruments – It should be soft Chorus uniform Chatters & too far away

Words an accomp like Eve Star from Tanhauser

Chorus coarse & tremblos

Gillette has a tremblo –

This Record not sweet on account of bad Chorus – + accompt

Some Bag Crackles on it –

634-1

Cavalleria Rusticana
By Venture

Record a 2nd. No melody
just unintelligent strings
of recitative it may do
for Opera parlante —
not seriously

Rejected

810-3 =

Trust in the Lord Rejected

By Mrs Van der Veer Miller —

Awful tremolo - poor
articulation, too many
instruments / in accompt
not melodious accompt
Very unsatisfactory record
not suitable voice
records - Don't think
should use this —

680-2

When the Corn is waving
by Kunk Quantella

Interference of voices —
song no good — Voices
not sweet
No good — not seriously

Rejected

821 – 2

Martha – Good Night.

Croxton Quantilla –

Interference of voices
high squeak of fellows

Knocks – Novis

tenors high note squeaks –

This time not good,
Combination of voices not
good – Record not accepted

Rejected

854-1

Pussys in the well

Manhattan Ladies, Quarlette

Bad influence on voices

June no good - Quarlette

ditto - Rejected —

Rejected

820-1

Because
by Hargrove

Accompt dont seem to bear
any relationship to song —
Man has awful tremolo
some people might like this
I cant, Well recorded —
On the long sustained note
The accompt with it is
unmelodious & bears no
relation that I can see

Rejected

825 — 2

O for the wings of a Dove
Gordon Quantrill

Soprano very rapid tremolo
+ Chorus interference of
voices — Noise —
Not sweet a mob,
to complicated to track hence
flutters in chorus —

Soprano voice not normal

Not accepted —

Rejected

161-4

Bonnie Sweet Bonnie

Maria Marella —

Well recorded, possibly might be used as 2nd some future day

All these tunes are infinitely better when concerted —

Marella, has a lovely touch sound income of her notes —

Not exciting —

Accepted

858-1

Stabat Mater

Agnes Kimball + Chorus

Sovalsky —

Pretty good, chorus has very little intonation — The record that up has lots

Sovalsky Crackers

Wirth says don't think its in mono —

has another Master —

2nd pressing

Very little better

Sovalsky at first dismissive

for last several days knocks

931-2

Heart strings Waltz

Vecsey Orchestra

Transfer Lore + has a Choice

accepted

~~Not~~ ~~Crackly~~ scratch, get out

2nd Edition pressed again

accepted

832-1

Heart Bowed Down

Chalmers

accepted - good singing

good accompt —

Record is too scratchy

Will make another transfer

or will make up the

other version -

Accept

818-2

Der Gegenmeister von
Grenzmann

Spandau —

Its pretty weak, & so ok if we can get the Scratchy Crackers out on Commercial Record so they will not kill it if not we should have to abandon these weak records = With his master Crackers a little too much perhaps his next transfer will be better —

Accept

848-3

Prize Song Die Meistersinger
Albert Spaulding
accepted as to Execution etc
but owned Lehr & Lewis
separately

Accepted
[illegible]

822-2

Quartette from Reggoletto;
Croxton Quartette
Interpretation of words
Chorus 2nd - simply noise -
Worst yet, Each voice
should be clear -
: upset,

R

673-2

Enterprise Ukrah
McGuidary Records
Fluttering high note squeeks
Poor tune, too much
repeating of theme
& lonesome, If you do put
bands on there plenty of
long tunes & better ones
than this —

Dont like it at all

No scratch
Consent here & if there
was — Rejected

X

627-S1

Carmen el fior che aversa me

E Venturia —

Poor accompt tremulo bad
accompt too loud in places
Dont want this singer in future
May (it had) this record for
future disposition, scarcely
any demand, which good
reason it will be ok
put hold it — Dont want
put it out first lot —

Hold

716-S 1

H Knote

Siegfried - Schmelzfied

Sensch ok —

accompt too strong drowns out singer

This man is a good singer of his kind clear no tremolo

He has not shown ~~with~~ against this Military band - How far is the Volume of this accompaniment —

Hold it —

Hold

826 S z

William Tell -
Ballet Music
Concert Band

Scratch crackles Considerable
squeaks wheezes — first few bars
+ fallen apart — that good

Rejected —

83353

Bookbaker Quar

Anne Lawrence

somewhat soiled

Regarded —

Rather contemplative —

893 51 X

Souvenir of Wesleyan
Methodist Sprinkling
Sewing & Kiamogo

Accepted –

If Submasters are Gold
+ surplus of Commercial
Records are no worse than
this – as there are some
Exceedingly weak notes in them

5

655 S1

Das Zuckerlied

Edward Lichtenstein

Carnbrook Quartet

accompt. vcl - Singer

vcl —

Not accepted

64751

Elvino Ventura

Mephistofele Dai Campi

a Discard — Dentally

tremlo, singer no good

not sweet voice

accompt Rattlin —

awful tremolo

Revealed if mechanics

were perfect —

93453

Madam Butterfly
Ancora cut passed

C Melis & Met Chorus —

Generally — highnote a great
overtaxed, Room Echo
singers of Chorus too far
away Sharp

Room echo kills this on chorus
& Recorder too sharp

Repeated —

It seems as if Burro & Sighform
on these supplies should be in
this. If Chorus is to be used
in this way they must be
at a distance & the room
Echoes will then kill the
record. Had this been
in very large room away from
all walls it would be better
& good in a tent —

94051

Woolard & Chumpers
Concert Band —

Discarded moved full cracks
has 1 more while he makes

This is no Tune —

Repeat —

Better make up other
while master has Gold
This will probably be
repeated as the tune
is poor there being hundreds
better — however make it
up —

730 51

Lohengrin in Fernem Land
H Knote —

not seriously

1st part accompt humbly
high squeaky
but accompt is very offen
this or it dont drown the
singer Knote is pretty
fair singer for a German
Cant hope to get much better

Hold this, think it well
pass in time =

its only sensible but has
some melody in it which
we consider that it is wagner

Knote is good for us
in Wagners stuff
no tricks, Even
mellow + unlike most
German singers

Thanks be, any reproduction

779-52

C Albani + O Benedetti

Boheme - duets

Ah mimi tu più

[illegible] scratch

Tremulous voices duet go together UG

Regretted

tremulous. beat

bad intonation

Answer

772 S 2

O Benedetti -

Traviata di Provenza el mar

awful cracking voice

Coarse voice tremulo

awful on sustained

notes —

Never want this singer

Rejected —

632 S 2

El Trovador
Tocca la nella

Sig. C Bonnaugna

accuracy ok –

Sharp – she has a little tremolo

not enough of Recorder
was not so sharp as often
it would be very fine.

On movement of count of
Mellow, tremolo & poor
voice in lower register

Rejected ——

best bets for future

This woman's voice is not good
with good recorder – very useful
voice she must thin —

712-1

~~713 S 1~~

~~Frichlingostomus~~ Bajazzo-Arioso

By E. Borgman

~~Melitta Nzim~~

Section scratch —

Tremolo awful awful

Coarse of Emman Voice

Rejected

Horrible

Never want this singer.

Could use him for a fog horn on Islands

Sirens, for scaring

Frightened at Opera

Course

728 5 1

The Meistersinger von Nuremberg Act 3 Sc 1

H Knote,

Sounds OK – fine authoritative tone, no tremolo,

Pity the Accompt has so much volume in parts –

Knote is good for us with a proper accompt

You will not get a better singer for Wagner than this man only wants proper accompt

Hold this for future,

257 S 2

Bohme Wis contract wt Clio

Vogelstrom

Cancelled off —

Dont like this songs
Voice not loud not mellow
Dont use him in future

Rejected —

968 S 1

Waves of Winds Waltz

Vesey Orchestra

Some serials –

Sharp: leader

interference in it, not

mellow – trouble appears

to be due to [illegible]

interference in it

Unsatisfactory – unfavorably

unfavorable to all times

played by Vesey's Trio

latest times all sharp

Repeated —

Moreover shows that no wave form approaches and
& dent reed necessarily of much sharpness
Little overtones &
producing the disturbance